TO: Patrick Nejand, Project Manager
Ken Mass, Project Manager
United States Army Corps of Engineers (USACE)

FROM: Shannon Lloyd, Project Manager
Los Alamos Technical Associates, Inc. (LATA)

SUBJECT: February 2015 Inspection Report for the former Cornell Dubilier Electronics (CDE) Superfund Site, South Plainfield, New Jersey

LATA Project # 11266
Contract # W912DQ-09-D-3003,
Task Order # 0011

DATE: February 19, 2015

CURRENT ACTIVITIES

LATA's technician visited the Cornell Dubilier Electronics (CDE) Superfund Site for the regularly scheduled inspection visit on February 13, 2015 to perform the routine inspection of the facilities.

Work performed during the visit included; picked up trash from the fence line, inspected the catch basin and drainage basin system, inspected the perimeter fence, gates, etc., pulled woody vegetation from accessible areas of the drainage basin, download the data from the basin dataloggers and performed a walking inspection of the asphalt cap areas. Copies of the inspection forms and photo documentation of the site visit are attached to this report. Snow removal and clearing of the sidewalk paralleling Hamilton Boulevard was completed as needed during the month.

Approximately one bag of trash (paper, plastic bottles, etc.) was picked up from around the fence line in various areas. The trash was disposed of in the local technicians office dumpster.

MANPOWER REPORTING

Date	LATA Labor
February 13, 2015	Approx. 3 hrs.

OUTSTANDING ISSUES/RESOLUTIONS

None

PLANS FOR NEXT MONTH

Plans for the March 2015 visit includes inspection and general housekeeping activities and downloading the drainage basin level datalogger. A snow removal company has been placed under contract to remove snow from the sidewalk paralleling the Hamilton Boulevard when snowfall totals are greater than two inches. This removal will be made on an as needed basis.

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Site Inspection Forms
and
Photo Log

Operation & Maintenance Inspection Form
Cornell-Dubilier Electronics Superfund Site
Operable Unit (OU-2)

Inspection being Conducted **X** **Monthly**

Quarterly _____ **Annually** _____ **After 1" or Greater Rainfall** _____

Inspection Date: **2/13/2015** **Weather** **Sunny, 20s**

Inspectors Name **Sunil Samaroo**

Basin Inspection:

	Yes	No	N/A
Catch Basins (23 Structures)			
1. Are catch basins properly draining?	X		
2. Are the catch basins clear of trash, sediment and debris?	X		
3. Has vegetation been removed from all catch basin areas?			X
4. Are there any signs of damage or deterioration of catch basins?		X	
If yes, which catch basin(s)? _____			
(Refer to Record Drawings for catch basin numbers)			
Stormwater Detention Basin and Surface Sand Filter:			
5. Does the basin have pooled or standing water?	X		
If yes, describe where **A thin layer of ice was observed in all 3 detention basins**			
6. What is the water height **~ 1"**			
Approximately how many hours was the last rainfall? _____			
How many inches of rain? _____			
7. Does the bottom appear relatively flat? No sand has washed away?	X		
8. Are concentrated flows of runoff being unexpectedly directed into the basin?		X	
If yes, describe where _____			
9. Is there any damage to the sand bed or berms?		X	
10. Has vegetation been removed from the basin areas?			X

Woody vegetation was removed by pulling/cutting at ground level.

Operation & Maintenance Inspection Form
Cornell-Dubilier Electronics Superfund Site
Operable Unit (OU-2)

Inlet and Outlet Structures:

11. Are the five inlet and outlet structures draining properly?	X		
12. Is there any standing water?		X	
If yes, describe where _____			
13. Are the inlets clear of trash, sediment and debris?	X		
14. Are the outlets (standpipes, 3" Orifice, secondary outlet and emergency spillway) clear of trash, sediment, and debris?	X		
15. are there any signs of damage or deterioration of inlet/outlet structures?		X	
If yes, describe where _____			
16. Has vegetation been removed from inlet and outlets?			X

Additional descriptions of where repairs or maintenance is needed:

Inspector's Signature Sunil Sharma

Operation & Maintenance Inspection Form
Cornell-Dubilier Electronics Superfund Site
Operable Unit (OU-2)

Inspection Date: **2/13/2015** **Weather** **Sunny, 20s**

Inspectors Name **Sunil Samaroo**

"Tree Grove" Inspection

	Yes	No	N/A
1. Is there any tree damage from storms?		X	
If yes, describe:			
2. Is there an accumulation of tree debris?		X	
If yes, describe:			
3. Do any trees appear infested?			X
If yes, describe:			
4. Do any trees appear malnourished?			X
If yes, describe:			
5. Was the last Quarterly Seasonal Maintenance Performed?			X
Date of previous maintenance:			
(Refer to section 2.3.2 of the Operation & Maintenance Manual)			
6. Was the last Annual Arborist Inspection performed?			X
Date of previous inspection:			
(Refer to section 2.3.3 of the Operation & Maintenance Manual)			

Additional descriptions of where repairs or maintenance is needed:

Tree buffer being maintained "as is" by direction of USACE and EPA.

Inspector's Signature Sunil Samaroo

Operation & Maintenance Inspection Form
Cornell-Dubilier Electronics Superfund Site
Operable Unit (OU-2)

Inspection Date: **2/13/2015** **Weather** **Sunny, 20s**

Inspectors Name **Sunil Samaroo**

Debris, Trash, Vegetation and Sediment Removal and Inspections
Comments

Removed trash from perimeter fence.
One bag of trash (< 1/2 of bag) disposed of at URS dumpster.
Over all, the site remains in good condition.

General Housekeeping
Comments

Asphalt has minor cracking predominantly at seems, previously observed.

Fencing and Gates
Comments

GOOD

Trash and Debris
Comments

(See above)

Snow Removal
Comments

N/A

Operation & Maintenance Inspection Form
Cornell-Dubilier Electronics Superfund Site
Operable Unit (OU-2)

Pavement Inspection (Part of Annual Inspection)

	Yes	No	N/A
1. Is there any standing water? If yes, describe where _____			X
2. Are there any signs of cracking? If so, note location and maintenance effort below.	X		
3. Are there any signs of disintegration? If so, note location and maintenance effort below.			X
4. Are there any sins of distortion? If so, note location and maintenance effort below.			X
5. Has all vegetation been removed? If applicable, note location of vegetation below	X		
6. Has usage of the site increase to a point that warrants a Pavement Condition Index (PCI) Survey?			X
7. Have any Critical Preventative Maintenance (CPM) Pavement Treatments been applied? When was date of the last CPM treatment? _____ (Refer to Section 2.2.3 of the Operations & Maintenance Manual)			X

Additional descriptions of where repairs or maintenance is needed:

Cracks in asphalt developing in the area of the water tower, previously observed.

Inspector's Signature Sunil Sumaroo

Operation & Maintenance Inspection Form
Cornell-Dubilier Electronics Superfund Site
Operable Unit (OU-2)

Basin Drainage Rate Inspection:
(completed twice a year after a design rainfall event)

Date: _____

Design Rainfall Event Information
Requirements: 1.25" of rain in 2 hrs

Start: _____
Stop: _____
Inches of Rainfall: _____

Inspection Data
Start inspections 16 hours after design rain event
Perform subsequent inspection every 2 hours until height of water drops below the to of the aggregate in the middle basin

Inspection Run #	Target time from Event (hrs)	Actual Time	Water Height (ft)
1	16		
2	18		
3	20		
4	22		
5	24		
6	26		
7	28		
8	30		
9	32		
10	34		

Note approximate time water was drained below top of sand bed and compared to the normal drain time of 21 hrs.

_____

_____

_____
Inspector's Signature

02-13-2015 Cornell-Dubilier Electronics

Site Inspection photos

Fence drive by inspection photos

Additional site photos

(Rolling gate along Spicer Avenue was open when getting on-site)